

Abstract of the Disclosure

A system is disclosed for the regulation of electrical component temperature and power consumption rate through the reconfiguration between different interconnect bus widths.

1. A system for regulating electrical component temperature and power consumption rate, comprising:
a. a plurality of electrical components;
b. a plurality of interconnect buses;
c. a controller configured to reconfigure the interconnect buses between different widths;
d. a temperature sensor configured to sense the temperature of the electrical components;
e. a power sensor configured to sense the power consumption rate of the electrical components;
f. a memory configured to store data related to the temperature and power consumption rate of the electrical components;
g. a display configured to display the data stored in the memory.